



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION
CITY VIEW PLAZA, SUITE 7000
#48 165 RD. KM 1.2
GUAYNABO, PR 00968-8069

JUN 10 2015

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Article Number: 7009 2250 0000 9163 5300

Noelia Y. Rosa Jaime
Director
Environmental Compliance and Planning Office
Autonomous Municipality of San Juan
P.O. Box 70179
San Juan, Puerto Rico 00936-8179

Irma López
Director
Compliance and Quality Control Directorate
Puerto Rico Aqueduct and Sewer Authority
P.O. Box 7066
San Juan, Puerto Rico 00916-9990

Re: Reconnaissance Inspection within the Autonomous Municipality of San Juan (MSJ) and Puerto Rico Aqueduct and Sewer Authority (PRASA) Collection Systems.
Autonomous Municipality of San Juan (MSJ) MS4 (PRR040036)
Puerto Rico Aqueduct and Sewer Authority (PRASA) Puerto Nuevo Wastewater Treatment Plant Collection System (PR0021555)

Dear Mrs. Rosa and López:

On June 2, 2015, the United States Environmental Protection Agency's (EPA) Region 2, Caribbean Environmental Protection Division (CEPD) inspector Alex Rivera of my staff conducted a reconnaissance inspection of the Puerto Rico Aqueduct and Sewer Authority (PRASA) wastewater collection system and the Municipality of San Juan (MSJ) MS4 located in Venezuela Community in San Juan, Puerto Rico.

The inspection was conducted pursuant to the authority contained in Section 308 of the Clean Water Act, 33 U.S.C. 1251 et seq., 40 CFR 122.41(a)(2), & (i) 1,2,3 and in accordance with Agency wide acceptable guidance and procedures. The findings are included in the Water Compliance Inspection Report enclosed. The results of the inspection performed by EPA found PRASA's and MSJ's collection system in non-compliance with their respective National Pollutant Discharge Elimination System (NPDES) permits and in violation of the Clean Water Act.

Within forty five (45) days of receipt of this letter, respond to EPA-CEPD in writing with the actions that MSJ and PRASA has taken or will take to address the non-compliance items and other issues identified in the report. If the item has already been addressed also please note that in your response. However, if these items require extensive repairs and/or capital investments, then the work shall be scheduled in consideration of other priorities and the details shall also be informed to EPA.

Also send a copy of your response to Wanda E. García Hernández, Director, Water Quality Area, EQB, Puerto Rico Environmental Quality Board, P.O. Box 11488, Santurce, Puerto Rico 00910

If you have any questions please feel free to contact Alex O. Rivera of my staff at 787-977-5845.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jaime Géliga', with a long horizontal flourish extending to the right.

Jaime Géliga
Chief
Municipal Water Program Branch
Caribbean Environmental Protection Division

Enclosure

cc: Wanda E. García Hernández, Director, Water Quality Area, PREQB
Emma Blanco, PRASA Metro Region Compliance (via email)
William Díaz, PRASA Metro Region Compliance (via email)
Héctor Cepeda, PRASA Metro Region Compliance (via email)
Yanira Cosme, PRASA Metro Region Operations (via email)
Christie Mota, PRASA Metro Region San Juan Area Operations (via email)
Juan Pérez, PRASA (via email)
Alexander Ávila, MSJ (via email)
Maylene Pérez, MSJ (via email)
Maribel Medina, University of Puerto Rico (via email)



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JUN 10 2015

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Article Number: 7009 2250 0000 9163 5317

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Director
Environmental Compliance and Planning Office
Autonomous Municipality of San Juan
P.O. Box 70179
San Juan, Puerto Rico 00936-8179

Irma López
Director
Compliance and Quality Control Directorate
Puerto Rico Aqueduct and Sewer Authority
P.O. Box 7066
San Juan, Puerto Rico 00916-9990

Re: Reconnaissance Inspection within the Autonomous Municipality of San Juan (MSJ) and Puerto Rico Aqueduct and Sewer Authority (PRASA) Collection Systems.
Autonomous Municipality of San Juan (MSJ) MS4 (PRR040036)
Puerto Rico Aqueduct and Sewer Authority (PRASA) Puerto Nuevo Wastewater Treatment Plant Collection System (PR0021555)

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Jaime Géliga
Chief
Municipal Water Program Branch
Caribbean Environmental Protection Division

Enclosure

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Juan Pérez, PRASA (via email)
Alexander Ávila, MSJ (via email)
Maylene Pérez, MSJ (via email)
Maribel Medina, University of Puerto Rico (via email)



United States Environmental Protection Agency Washington, D.C. 20460
Water Compliance Inspection Report Form Approved.
OMB No. 2040-0057
Approval expires 8-31-98

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 <input type="text" value="N"/> 2 <input type="text" value=""/>	3 <input type="text" value="P"/> <input type="text" value="R"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="5"/> <input type="text" value="5"/> 11	12 <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="2"/> 17			18-19 <input type="text" value="R"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="1"/>
Remarks					
21 <input type="text" value="U"/> <input type="text" value="N"/> <input type="text" value="N"/> <input type="text" value="A"/> <input type="text" value="C"/> <input type="text" value="E"/> <input type="text" value="P"/> <input type="text" value="T"/> <input type="text" value="A"/> <input type="text" value="B"/> <input type="text" value="L"/> <input type="text" value="E"/> 66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	B1	QA	-----Reserved-----	
67 <input type="text" value="0"/> <input type="text" value="1"/> 69	70 <input type="text" value="U"/>	71 <input type="text" value=""/>	72 <input type="text" value=""/>	73747580	

Section B: Facility Data

Name and Location of Facility Inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entrv Time/Date Permit Effective Date
PRASA Puerto Nuevo RWWTP Collection System (PR0021555) Venezuela Community Collection System	9:15 AM June 2, 2015
	Exit Time/Date Permit Expiration Date
	10:20 AM June 2, 2015
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data - Other Responsible Officials
N/A	
Name, Address of Responsible Official/Title/Phone and Fax Number(s)	
Roberto Martínez Director PRASA Metro Region 939-292-6690	
Contacted	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operations & Maintenance CSO/SSO (Sewer Overflow)
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal Pollution Prevention
<input type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment Multimedia
<input type="checkbox"/> Effluent/Receiving Water	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water

Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)

See Enclosed Report	
Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers Date
Alex O. Rivera, Environmental Engineer	6/10/15 U.S. EPA Region 2-CEPD - 787-977-5845 rivera.alex@epa.gov
Signature of Management Q.A. Reviewer	Agency/Office/Phone and Fax Numbers Date
Jaime Géliga, Chief, CEPD-MWPB	6/10/15 U.S. EPA Region 2, CEPD MWPB 787-977-5840 geliga.jaime@epa.gov



United States Environmental Protection Agency Washington, D.C. 20460
Water Compliance Inspection Report Form Approved.
OMB No. 2040-0057
Approval expires 8-31-98

Section A: National Data System Coding (i.e., PCS)

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1 <input type="text" value="N"/> 2 <input type="text"/>	3 <input type="text" value="P"/> <input type="text" value="R"/> <input type="text" value="R"/> <input type="text" value="0"/> <input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="11"/>	12 <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="17"/>	18-19	R	201
Remarks					
21 <input type="text"/>					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	B1	QA	-----Reserved-----	
67 <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="69"/>	70 <input type="text" value="U"/>	71 <input type="text"/>	72 <input type="text"/>	73747580	

Section B: Facility Data

Name and Location of Facility Inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date Permit Effective Date
Autonomous Municipality of San Juan (MSJ) MS4 (PRR040036) Venezuela Community Collection System	9:15 AM June 2, 2015
	Exit Time/Date Permit Expiration Date
	10:20 AM June 2, 2015
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data - Other Responsible Officials
N/A	
Name, Address of Responsible Official/Title/Phone and Fax Number(s)	
Noelia Y. Rosa Jaime Director Municipality of San Juan Environmental Compliance and Planning Office 787-787-480-2253	
Contacted	
<input type="text" value="Yes"/> <input checked="" type="text" value="X"/> <input type="text" value="No"/>	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Operations & Maintenance CSO/SSO (Sewer Overflow)
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal Pollution Prevention
<input type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment Multimedia
<input checked="" type="checkbox"/> Effluent/Receiving Water	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water

Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)

See Enclosed Report

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers Date
Alex O. Rivera, Environmental Engineer	6/10/15 U.S. EPA Region 2-CEPD - 787-977-5845 rivera.alex@epa.gov
Signature of Management Q-A Reviewer	Agency/Office/Phone and Fax Numbers Date
Jaime Geliga, Chief, CEPD-MWPB	6/10/15 U.S. EPA Region 2, CEPD MWPB 787-977-5840 geliga.jaime@epa.gov

**SUPPLEMENT TO WATER COMPLIANCE INSPECTION REPORT FORM
(EPA FORM 3560-3 (REV 9-94))**

**VENEZUELA COMMUNITY WASTEWATER AND STORMWATER
COLLECTION SYSTEMS**

Reconnaissance Inspection: Puerto Rico Aqueduct and Sewer Authority (PRASA) Puerto
Nuevo Regional Wastewater Treatment Plant (RRWTP) NPDES
Permit (PR0021555)

Autonomous Municipality of San Juan (MSJ) Municipal Separate
Storm Sewer System (MS4)
National Pollutant Discharge Elimination System (NPDES) Permit
(PRR040036)

Location Address: Venezuela Community, San Juan, Puerto Rico
Coordinates: Lat. 18° 23' 36.92" N – Long. 66° 3' 15.50" W

Inspection Date: June 2, 2015

Inspector: Alex O. Rivera, Environmental Engineer
USEPA Region 2
Caribbean Environmental Protection Division
Municipal Water Program Branch
(787) 977-5845 – rivera.alex@epa.gov

I. Background and inspection purpose:

On June 2, 2015, Alex O. Rivera of EPA Region 2 (Inspector) conducted a reconnaissance inspection (RI) of the wastewater and stormwater collection systems located in Venezuela Community (Venezuela) in San Juan, Puerto Rico. The inspection was performed to follow-up with the findings documented during a previous EPA RI conducted in May 26, 2015 in response to a citizen complaint received on May 18, 2015, related to wastewater discharges reaching the Río Piedras River from an outfall located in the University of Puerto Rico Botanical Garden South facility. During EPA's May 26, 2015 RI, wastewater discharges were documented reaching the Río Piedras River as alleged by the complainant. PRASA and MSJ were notified about the preliminary inspection findings via email on May 26, 2015.

The unnamed creek is a tributary of the Río Piedras River that subsequently discharges into the San Juan Bay and the Atlantic Ocean.

Venezuela wastewater collection system is part of PRASA's Puerto Nuevo RRWTP collection system. MSJ nor PRASA were represented during the inspection. The inspection was performed pursuant to the authority in Section 308(a) of the CWA. The inspection took place from approximately 9:15 a.m. to 10:20 a.m., local time. Dry weather and cloudy skies prevailed during the inspection. All photos related to the items above were taken using a Nikon Coolpix P510 Digital Camera. Photos DSCN2221 to DSCN2241 were taken and included in **Attachment I** of this document. The EPA inspector contacted and notified PRASA official Christie Mota, San Juan Operations Supervisor, about the preliminary inspection findings via telephone on June 2, 2015 via telephone at 10:01 AM.

The San Juan Bay Estuary Program (SJBEP) was present during the inspection at represented by Mr. Omar Pérez.

II. Inspection Findings and Observations:

The findings and observations of the RI are included below:

1. An unnamed creek was found with wastewater characteristics (e.g., odor, color, and algae formation) and flowing in direction of the Río Piedras River. The EPA inspector observed the unnamed creek from a location south of the University of Puerto Rico Botanical Garden and adjacent to the Botanical Garden Security Offices. Coordinates: Lat. 18° 23' 37.44" N – Long. 66° 3' 20.22" W. See photo DSCN2221 located in **Attachment I** for more details. Refer to EPAs May 26, 2015 RI Report for more details and photos of the discharge point into the Rio Piedras River.
2. The wastewater manhole that was documented overflowing by the SJBEP on May 22, 2015 and included as part of EPA May 26, 2015 inspection documentation, was found flowing normally. The wastewater manhole is located at Venezuela's Guaracanal Street (PR-847), south of La Experimental Residential Development Street #1. Coordinates: Lat. 18° 23' 27.71" N – Long. 66° 3' 8.84" W. See photos DSCN2222 thru DSCN2224 located in **Attachment I** for more details. Refer to EPA May 26, 2015 RI Report for more details about the SJBEP May 22, 2015 findings.

During the inspection the EPA inspector noted that wastewater overflows occurrences in the above described wastewater manhole does not impact the unnamed creek described in item number 1. However, it does impact an additional creek that appears to be intermittent. The creek flows into the east part of the University of Puerto Rico Botanical Garden Property.

3. Significant amount of flow with wastewater characteristics (e.g., color, odor, solids, and algae formation) was observed in an unnamed creek located north of Venezuela's Amalia Marín Public School and south of Guaracanal (PR-847) and Izcoa Díaz Streets intersection. Coordinates: Lat. 18° 23' 36.68" N – Long. 66° 3' 15.72" W. See photos DSCN2225, DSCN2226, and DSCN2233 located in **Attachment I** for more details.
4. A concrete circular pipe of approximately 24 inches was found underneath Guaracanal Street (PR-847) and discharging significant amount of wastewater into the unnamed creek described in item 3. Coordinates: Lat. 18° 23' 36.72" N – Long. 66° 3' 15.73" W. See photos DSCN2230 to DSCN2232 located in **Attachment I** for more details.
5. A wastewater manhole located at Guaracanal (PR-847) and Izcoa Díaz Street intersection was found with high levels of sewage. Coordinates: Lat. 18° 23' 37.02" N – Long. 66° 3' 15.80" W. See photos DSCN2227 and DSCN2228 located in **Attachment I** for more details.
6. A wastewater manhole located at Guaracanal Street (PR-847), southeast of the wastewater discharge described in item 4, and in front of Amalia Marín Public School, was found flowing normally and in direction of Guaracanal (PR-847) and Izcoa Díaz Street intersection. Coordinates: Lat. 18° 23' 34.79" N – Long. 66° 3' 13.96" W. See photos DSCN2234 and DSCN2235 located in **Attachment I** for more details.

7. The wastewater collection system at Venezuela's Acueducto and Tanques Streets, parallel to Guaracanal (PR-847) Street was found flowing normally. See photos DSCN2236 to DSCN2239 located in **Attachment I** for more details.
8. The EPA inspector contacted by telephone PRASA official Christie Mota, San Juan Operations Supervisor, and informed the preliminary inspection findings on June 2, 2015 via telephone at 10:01 AM. PRASA official Christie Mota informed the EPA inspector that PRASA suspects that the wastewater collection system segment that crosses the unnamed creek, described in item 3, could be the source of the wastewater discharges. In addition, Mrs. Mota stated that PRASA was in the process of coordinating a closed-circuit television (CCTV) camera study to determine the problem. Ms. Mota also added and alleged that a few days prior to the call PRASA was able to reduce the levels in the wastewater manhole described in item 5, and the discharge was eliminated temporarily.
9. Large amount of drinking water were observed flowing into the stormwater sewer at Venezuela Brumbaugh Street. The flow was observed overflowing from the street near Brumbaugh and Callejón A Streets intersection. Coordinates: Lat. 18° 23' 42.44" N – Long. 66° 3' 9.50" W. The situation was also informed to PRASA's Christie Mota by the EPA inspector during the June 2, 2015 10:01 AM telephone conversation. See photos DSCN2240 and DSCN2241 located in **Attachment I** for more details.

III. Conclusion

Wastewater is a pollutant as defined by Section 502(6) of the Clean Water Act (Act), 33 U.S.C. § 1362. The Río Piedras River and its tributaries are considered Waters of the United States as defined by the Act. Venezuela MS4 and PRASA's Wastewater Collection Systems are point sources as defined by the Act. Venezuela Storm Water Collection System is an appurtenance of the MSJ and is a point source as defined by the Act. Venezuela Wastewater Collection System is an appurtenance of PRASA and is a point source as defined by the Act. Venezuela Wastewater Collection System discharge by gravity wastewater into MSJs MS4. MSJ and PRASA does not have an NPDES permit to discharge the pollutants (e.g. sewage, wastewater solids) that were observed in MSJ MS4.

MSJ and PRASA shall take the necessary actions to cease discharging wastewaters into Waters of the United States. The response to this report shall include all the details, evidence, and results of such actions.

End of Report

Report prepared by:



Eng. Alex O. Rivera
Environmental Engineer

Dated:

6/10/15

Attachment I - Photo Log and Location Map

Attachment I – EPA June 2,
2015 RI Report Photo Log and
Location Map

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2221 – Partial view of an unnamed creek was found with wastewater characteristics (e.g., odor, color, and algae formation) and flowing in direction of the Río Piedras River. The EPA inspector observed the unnamed creek from a location south of the University of Puerto Rico Botanical Garden and adjacent to the Botanical Garden Security Offices.



DSCN2222 – View of a wastewater manhole that was documented overflowing by the SJBEP on May 22, 2015 and included as part of EPA May 26, 2015 inspection documentation, was found flowing normally. The wastewater manhole is located at Venezuela's Guaracanal Street (PR-847), south of La Experimental Residential Development Street #1.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2223 – Additional view of a wastewater manhole that was documented overflowing by the SJBEP on May 22, 2015 and included as part of EPA May 26, 2015 inspection documentation, was found flowing normally. The wastewater manhole is located at Venezuela's Guaracanal Street (PR-847), south of La Experimental Residential Development Street #1.



DSCN2224 – View of a inner part of the wastewater manhole is located at Venezuela's Guaracanal Street (PR-847), south of La Experimental Residential Development Street #1.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2225 – View of an unnamed creek located north of Venezuela’s Amalia Marín Public School and south of Guaracanal (PR-847) and Izcoa Díaz Streets intersection. Significant amount of flow with wastewater characteristics (e.g., color, odor, solids, and algae formation) was observed.



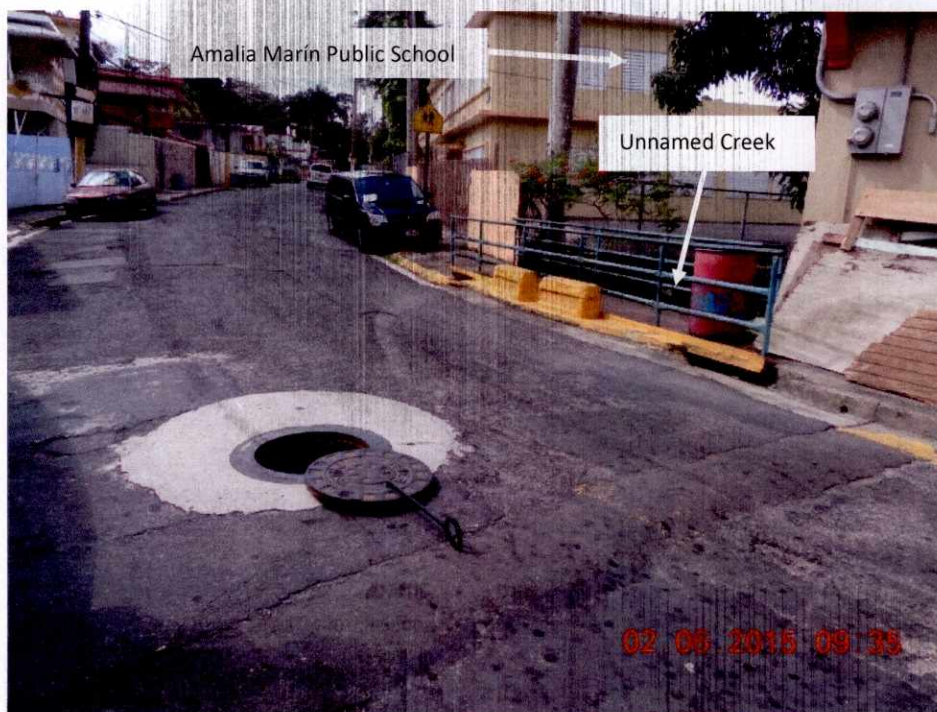
DSCN2226 – Additional view of an unnamed creek located north of Venezuela’s Amalia Marín Public School and south of Guaracanal (PR-847) and Izcoa Díaz Streets intersection. Significant amount of flow with wastewater characteristics (e.g., color, odor, solids, and algae formation) was observed.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2227 – View of the inner part of a wastewater manhole located at Guaracanal (PR-847) and Izcoa Díaz Street intersection. The wastewater manhole was found with high levels of sewage.

02.06.2015 09:34



DSCN2228 – Additional view of a wastewater manhole located at Guaracanal (PR-847) and Izcoa Díaz Street intersection. The wastewater manhole was found with high levels of sewage.

02.06.2015 09:35

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2229 – Partial view of the inner part of a stormwater inlet located near the Guaracanal (PR-847) and Izcoa Díaz Streets intersection. The inlet is located upstream of the unnamed creek found with wastewater presence.



DSCN2230 – View of a concrete circular pipe of approximately 24 inches was found underneath Guaracanal Street (PR-847) and discharging significant amount of wastewater into the unnamed creek described in photo DSCN2225 and DSCN2226.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2231 – Additional view of a concrete circular pipe of approximately 24 inches was found underneath Guaracanal Street (PR-847) and discharging significant amount of wastewater into the unnamed creek described in photo DSCN2225 and DSCN2226.



DSCN2232 – Additional view of a concrete circular pipe of approximately 24 inches was found underneath Guaracanal Street (PR-847) and discharging significant amount of wastewater into the unnamed creek described in photo DSCN2225 and DSCN2226.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2233 – Additional view of an unnamed creek located north of Venezuela's Amalia Marín Public School and south of Guaracanal (PR-847) and Izcoa Díaz Streets intersection. Significant amount of flow with wastewater characteristics (e.g., color, odor, solids, and algae formation) was observed.

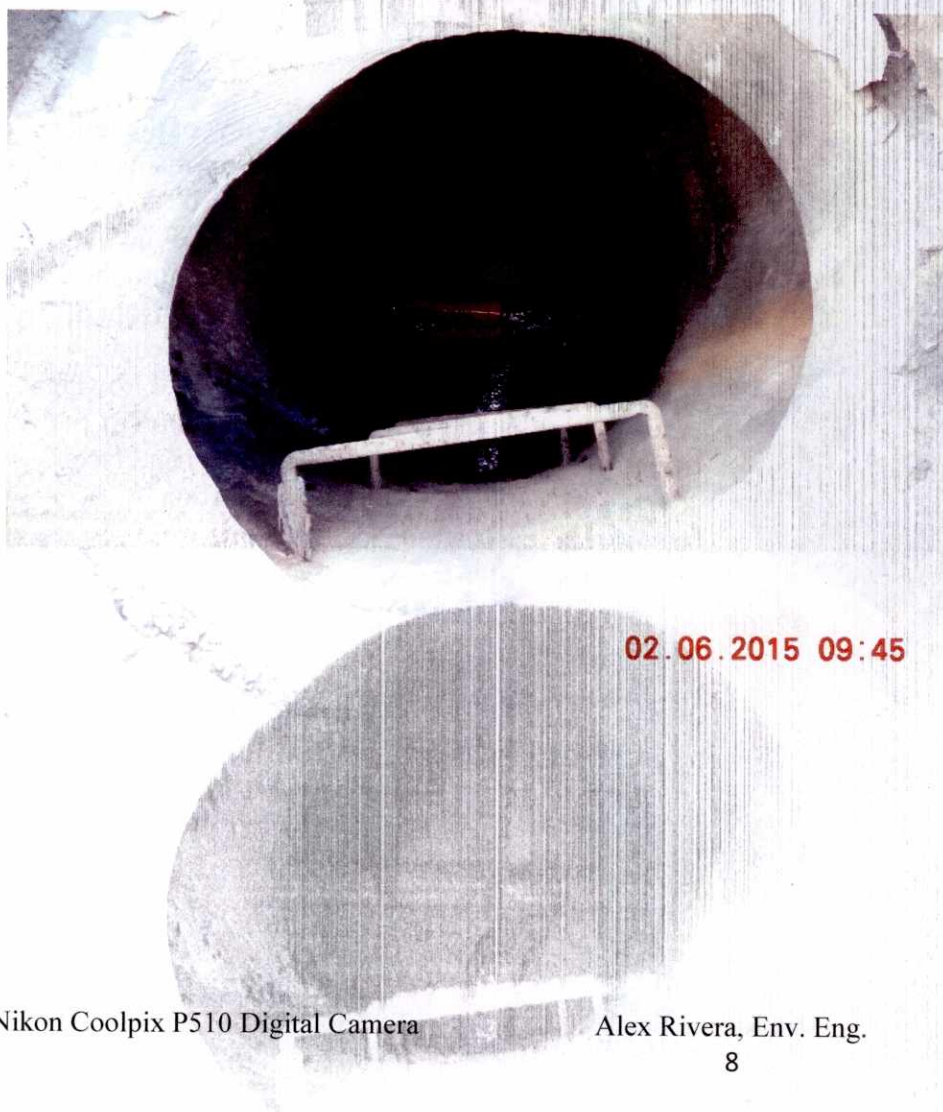


DSCN2234 – View of the inner part of a wastewater manhole located at Guaracanal Street (PR-847), southeast of the wastewater discharge into the unnamed creek, and in front of Amalia Marín Public School. The manhole was found flowing normally and in direction of Guaracanal (PR-847) and Izcoa Díaz Street intersection.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map

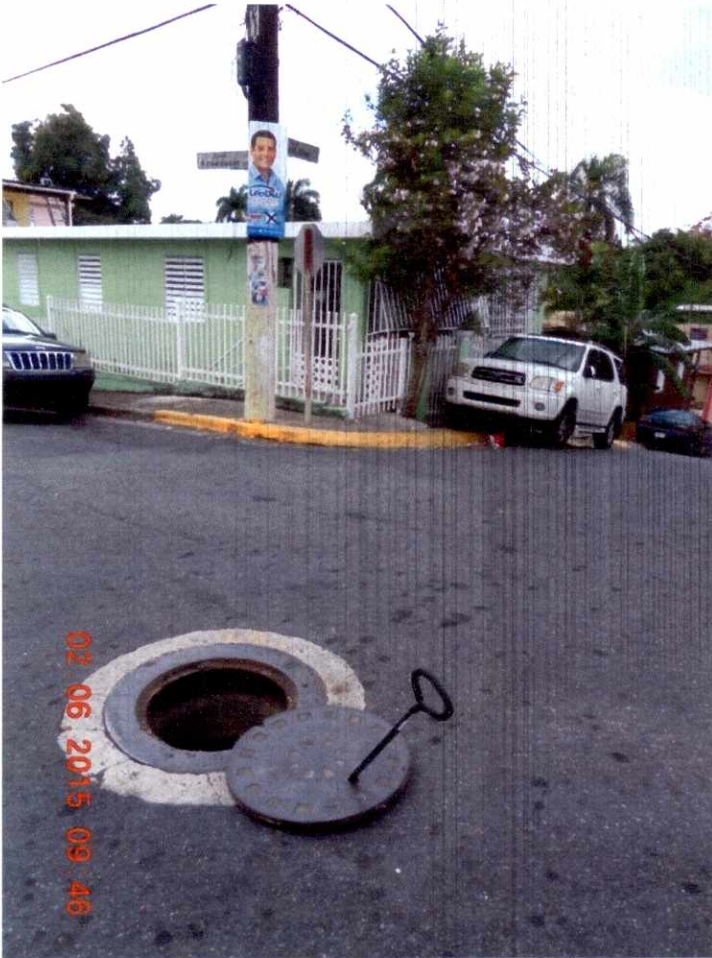


DSCN2235 – View of a wastewater manhole located at Guaracanal Street (PR-847), southeast of the wastewater discharge into the unnamed creek, and in front of Amalia Marín Public School. The manhole was found flowing normally and in direction of Guaracanal (PR-847) and Izcoa Díaz Street intersection.



DSCN2236 – View of the inner part of a wastewater manhole located at Venezuela Community Izcoa Díaz and Acueducto Streets intersection.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2237 – View of a wastewater manhole located at Venezuela Community Izcoa Díaz and Acueducto Streets intersection.



DSCN2238 – View of the inner part of a wastewater manhole located at Venezuela Community Acueducto Street.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2239 – View of a wastewater manhole located at Venezuela Community Acueducto Street.



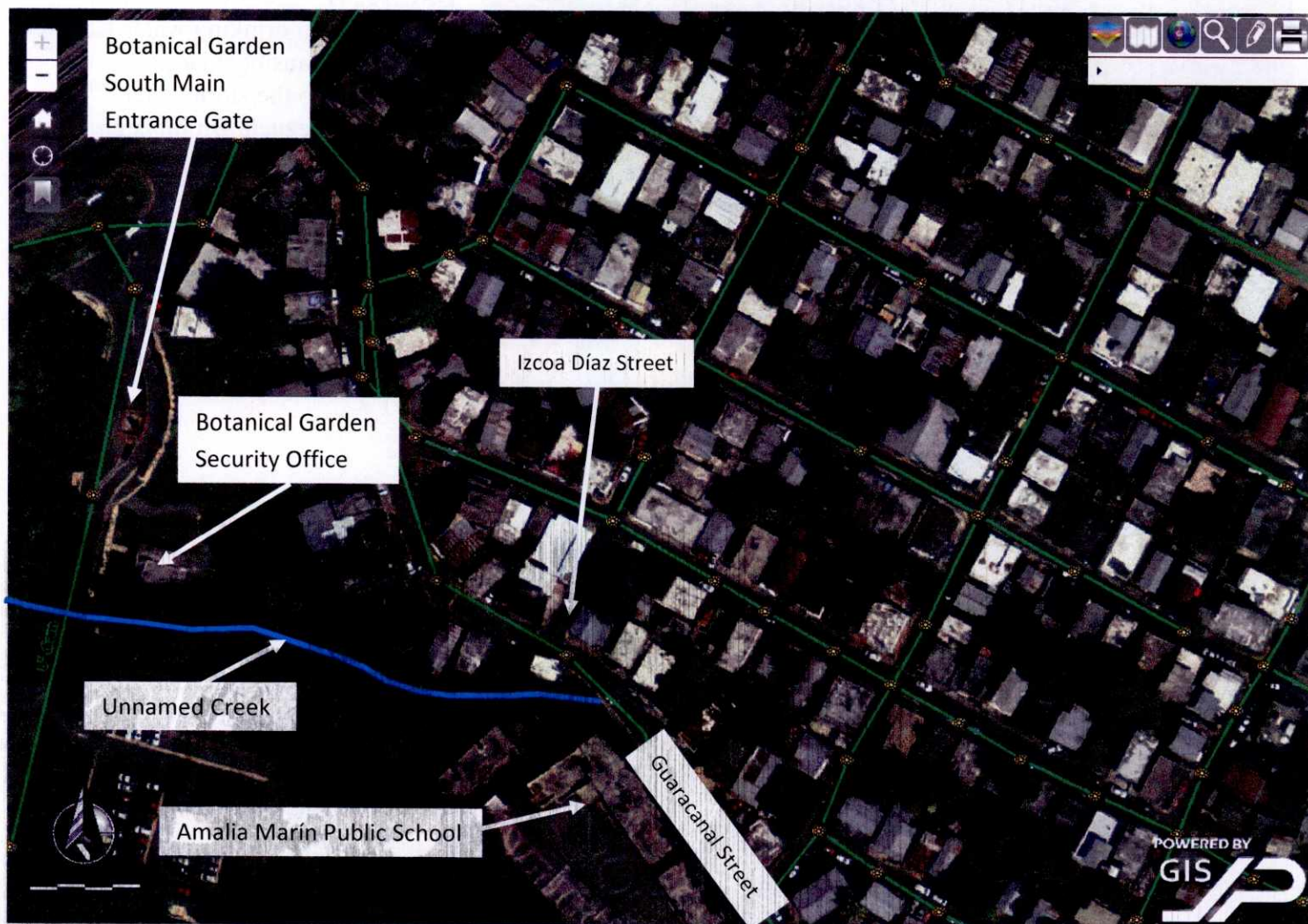
DSCN2240 – View of an apparent drinking water broken line causing a large discharge into the stormwater sewer at Venezuela Brumbaugh Street. The flow was observed near Brumbaugh and Callejón A Streets intersection.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



DSCN2241 – Additional view of an apparent drinking water broken line causing a large discharge into the stormwater sewer at Venezuela Brumbaugh Street. The flow was observed near Brumbaugh and Callejón A Streets intersection.

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



Source: Puerto Rico Planning Board GIS Application (<http://gis.ip.pr.gov/mipr/>)

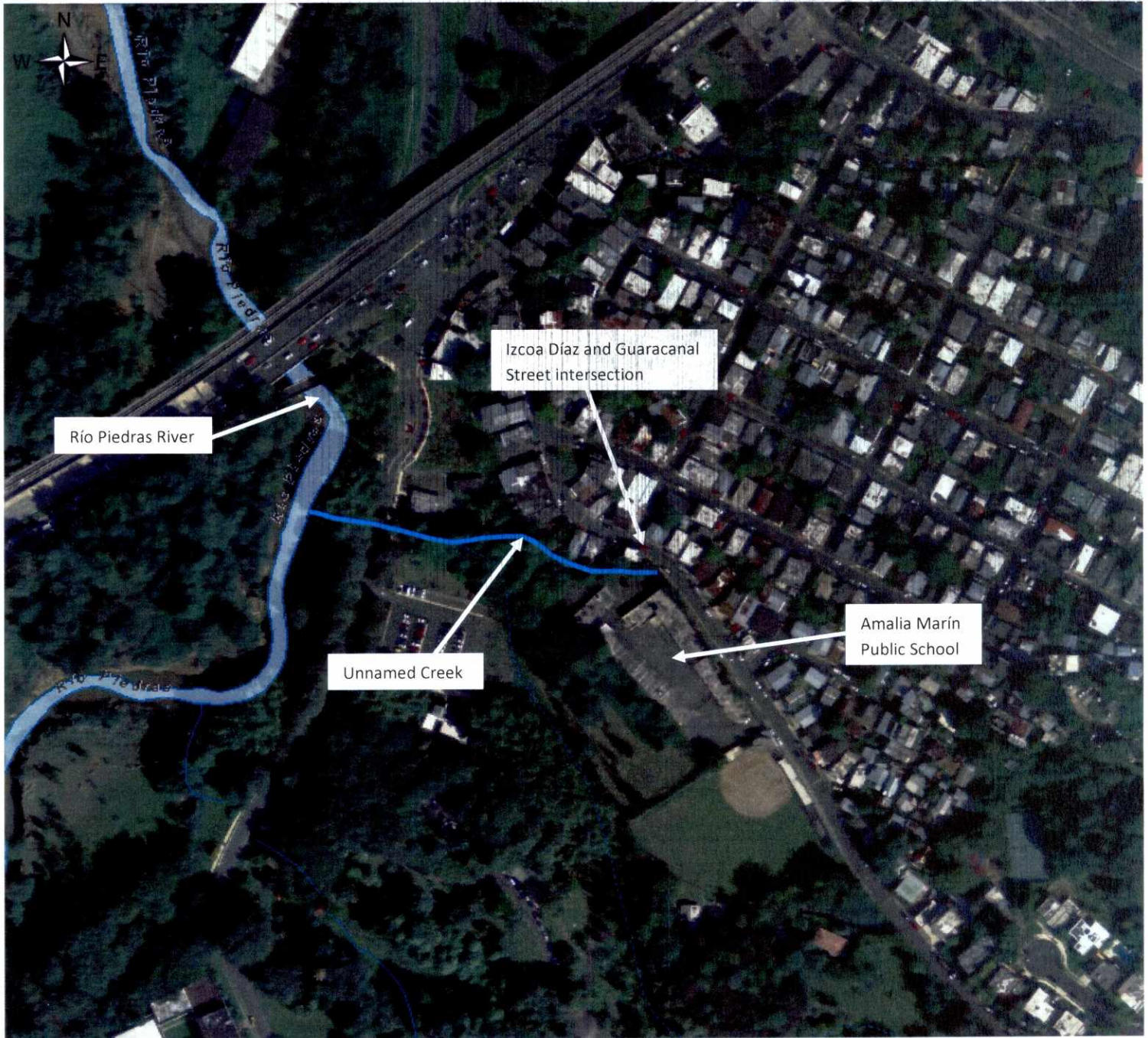


Nikon Coolpix P510 Digital Camera

Alex Rivera, Env. Eng.

EPA Region 2 CEPD-MWPB

Attachment II: EPA June 2, 2015 Reconnaissance Inspection at Venezuela Community Storm Water and Wastewater Collection Systems - Photo Log and Location Map



Source: Puerto Rico Planning Board GIS Application (http://gis.otg.pr.gov/apps/pr_map/)